


Ravin Patel


SOFTWARE DEVELOPER

EDUCATION:

Ryerson University Computer Science Class of 2017

CONTACT:

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 ravin-patel

RELATABLE COURSES:

CPS305 Data Structures

CPS311 Object oriented programming and design

CPS406 Software Engineering

CPS633 Computer Security

CPS616 Advanced Algorithms
(Currently enrolled)

CPS506 Comparative Programming Languages
(Currently enrolled)

MTH310 Calculus and Computational Method

MTH210 Discrete Mathematics

MTH304 Probability and Statistics

MTH816 Cryptography

TECHNICAL SKILLS

Proficient in JAVA, HTML5, CSS3, UNIX/LINUX, Bash, C, Microsoft Visual Basic's,

Basic Knowledge of C++, Android SDK, JavaScript

Familiar with Software Development Cycles (Waterfall, Iterative), UML2.0 diagram

Software Experience Xcode, Eclipse, JGrasp, VIM, Gedit, Sublime Text, Notepad ++, Easy 68k, Microsoft Visual Studios, Brackets, Adobe Photoshop, Arduino

PROJECTS

Website Portfolio Currently working on a website portfolio using the modern day web-developing tool HTML5 and CCS3

AES 128 Encryption Generating random keys and initialization vectors to securely encrypt the users message using AES 128. Developed with object oriented Java

Auto Complete Developed using Trie's in C. This program automatically predicts the remaining characters in a word based on what has been typed, these words are determined from a small library of 20000 word.

Conway's Game Of Life Simulation A 'cellular automaton' simulation that was developed in Multi-Threaded C programming (Completed March 2015)

Arduino Project Embedded an alarm clock with a stopwatch feature that allows you to choose between various popular songs as an alarm. (Completed in April 2015)

PacMan Game Predator-Prey behaviour game played with the mouse controlling classic character Pac-Man, done with objected oriented Java.

WORK EXPERIENCE

Supervisor at Canada's Wonderland

Aug 2014 - Nov 2015

- Provide direction and delegate tasks to all associates
- Complete the weekly inventory and associate scheduling
- Provide training, development and ongoing performance feedback with appraisals and corrective action
- Liaise with Area Supervisor to operate efficiently and produce budgeted financial results

Team Lead at Canada's Wonderland

Mar 2014 - Aug 2014

- Assist with ensuring the smooth operation of assigned restaurant unit
- Job training and development of associates
- Help with creation and execution of motivational plans
- Ordering and completion of locations weekly inventory
- Complete administrative duties and paperwork as required

SOFT SKILLS

- Effective interpersonal skills with the ability to collaborate and work well in a team oriented environment
- Ability to understand and communicate complex situations, clearly and simply, by listening and conveying difficult messages
- Thorough and analytical, and capable of applying logic to solve problems
- Initiative to actively seek new knowledge and constantly looking to improve my skills
- Passion for innovative ideas and technologies coupled with desire to make an impact
- Excellent leadership and adaptability, with willingness to readily and voluntarily take ownership of challenging tasks and problems